

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AQ241
WSW
1/4-1/2
0.355 mi.
1873 ft.
MOBIL S/S#17-TAD
1702 NEPTUNE AVENUE
BROOKLYN, NY
Site 3 of 3 in cluster AQ

NY Spills **U001842003**
N/A

Relative:
Higher

Actual:
2 ft.

SPILLS:

Name: MOBIL S/S#17-TAD
Address: 1702 NEPTUNE AVENUE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9410336 / 2016-02-01
Facility ID: 9410336
Facility Type: ER
DER Facility ID: 67349
Site ID: 71085
DEC Region: 2
Spill Cause: Other
Spill Class: C4
SWIS: 2401
Spill Date: 1994-11-03
Investigator: JXPerezM
Referred To: REVISED RAP, PLN STRT DATE, 04/01/2015
Reported to Dept: 1994-11-03
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1994-12-05
Spill Record Last Update: 2016-02-01
Spiller Name: MELISSA TACCHINO
Spiller Company: EXXONMOBIL
Spiller Address: 1545 ROUTE 22 EAST
Spiller Company: 001
Contact Name: Not reported
DEC Memo: "9/2/2003: Case transferred from Tibbe to Sigona. (Sigona) 4/16/2004: Case transferred from Sigona to Rommel. Trinity Commando originally reported as Spiller. Exxon Mobil detected 0.18 ft of product @ MW-3 on 2/3/2004. (Rommel) 6/7/2004: Case transferred to Harrington in Central Office for management. (Rommel) 6/21/2004: Supplemental SI work plan was approved. (Harrington) 11/12/2004: Supplemental SI report was approved. FS (for GWPT and SVE) is expected in December. (Harrington) 12/9/2004: CAP approved. Consent order will be executed shortly. (Harrington) 1/19/2005: Consent order executed by Regional Director. (Harrington) 5/2/2005: Sent letter to Exxon Mobil approving the SI Work Plan. (Harrington) 9/12/2005: Sent letter to Exxon Mobil approving the revised CAP, the Sensitive Receptor Survey, the Supplemental SI Report, and the Excavation Work Plan for soil removal in the vicinity of MW-3. (Harrington) 2/26/2006: Sent e-mail to Exxon Mobil approving RAP. RAP documented excavation of contaminated soils in the vicinity of MW-3. (Harrington) 7/27/2006: Approved the MNA Evaluation and Bioremedial Work Plan in an e-mail to Exxon Mobil. Plan calls for three (3) rounds of chem-ox injections followed by an ORC application in the NE corner of the site in order to address the remaining contamination. (Harrington) 12/8/2006: Sent e-mail to Exxon

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Mobil approving the FS work plan addendum, and sent the NYCDOT road-opening permit letter. (Harrington) 03/06/2007: This spill case was reassigned from Harrington to Perez. (Perez) 03/16/2007: Exxon Mobil submitted a site status update report and there is no major change in the concentration and distribution of the contaminants at the site. (Perez) 05/18/2007: ExxonMobil submitted a Subsurface Investigation Report(SIR). Soil/Groundwater samples results reveal contamination above standards on the eastern portion of the site. Additional off-site investigation will be necessary in order to delineate the extent of the contamination. (Perez) 06/28/2007: Exxon Mobil submitted a site status update report and there is no major change in the concentration and distribution of the contaminants at the site. Free product was detected on monitoring well MW-10 (0.04 ft). (Perez) 03/10/2008: A Subsurface Investigation Report Addendum has been submitted and approved.(Perez) 06/10/2008: A Remedial Action Plan will be submitted to the Department no later than June 2008. During dry-wells clean up maintenance the RP found PCB contamination. The RP will sample each dry-well (three in total) to confirm contamination and determine appropriate follow-up actions. (Perez) 10/29/2008 - ExxonMobil submits an Excavation Work Plan and is currently under review by the PM. ExxonMobil continues to gauge and sample the on-site monitoring wells on a quarterly basis. Dry-wells sediment samples/groundwater sample reveals non-detect levels of PCB. (Perez) 01/29/2009 - Proposed Excavation Work Plan was approved. ExxonMobil continues to gauge and sample the on-site monitoring wells on a quarterly basis. (Perez) 07/07/2009 - ExxonMobil plans to commence with the implementation of the approved Excavation Work Plan early to mid summer. Currently, they are in the process of procuring a subcontractor for the excavation work. ExxonMobil continues to gauge and sample the on-site monitoring wells on a quarterly basis. (Perez) 10/19/2009 - ExxonMobil continues negotiations with MTA for the relocation of a bus stop and obtaining a sidewalk excavation permit necessary to implement the approved excavation plan. ExxonMobil continues to gauge and sample the on-site monitoring wells on a quarterly basis. (Perez) 04/16/2010 - Excavation project delayed due to weather (multiple snowstorms). Field work commenced on the second week of April, its anticipated to be completed by the end of the month. ExxonMobil continues to gauge and sample the on-site/off-site monitoring wells on a quarterly basis. (Perez) 05/24/2010 - Excavation completed, re-installation of monitoring wells MW-9 and MW-10 to be completed on June 2010. ExxonMobil continues to gauge and sample the on-site/off-site monitoring wells on a quarterly basis. (Perez) 07/28/2010 - Excavation and re-installation of monitoring wells MW-9 and MW-10 completed. LPH was not observed during quarterly monitoring event. Concentrations of dissolved-phase hydrocarbons are consistent with historical trends. ExxonMobil continues to gauge and sample the on-site/off-site monitoring wells on a quarterly basis. Next quarterly report to be submitted by October 2010. (Perez) 09/29/2010 - LPH was not observed during last quarterly monitoring event. ExxonMobil continues to gauge and sample the on-site/off-site monitoring wells on a quarterly basis. Next quarterly report to be submitted by the end of October 2010. (Perez) 11/30/2010 - October 2010 quarterly report results are consistent with the last report. LPH was not observed during this event. ExxonMobil continues to gauge and sample the monitoring wells on a quarterly basis. (Perez) 01/27/11 - Site transfer to Bolla EM Realty, LLC (Bolla). Bolla will assume the remedial obligations of Exxonmobil for this spill. Awaiting for Bolla to discuss the Project. (Perez) 04/28/11- Bolla s consultant, ARCADIS, is reviewing the site

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data to determine the best approach to advance the site to closure. DEC PM discuss with ARCCADIS the necessity to install a downgrading monitoring well to determine whether or not contamination is migrating off-site. ARCADIS will assess the best location to install the off-site MW and submit a proposal to the Department for review and approval. Concentrations of dissolved-phase hydrocarbons are consistent with historical trends. LPH was not observed during last quarterly monitoring event. Bolla continues to gauge and sample the on-site/off-site monitoring wells on a quarterly basis. Next quarterly report to be submitted by the end of April 2011. (Perez) 05/25/11 - A Site Investigation Work Plan (SIWP) proposing the installation of additional monitoring wells will be submitted to the NYSDEC. The SIWP will propose the installation of monitoring wells across Neptune Avenue to further delineate soil and groundwater. Concentrations of dissolved-phase hydrocarbons are consistent with historical trends. LPH was not observed during last quarterly monitoring event. Bolla continues to gauge and sample the on-site/off-site monitoring wells on a quarterly basis. Next quarterly report to be submitted by the end of July 2011. (Perez) 07/26/11 - Installation of proposed off-site monitoring wells scheduled for mid August 2011. Bolla continues to gauge and sample the on-site/off-site monitoring wells on a quarterly basis. Next quarterly report to be submitted by the end of July 2011. (Perez) 08/25/11 - Installation of proposed off-site monitoring wells has been completed. Bolla continues to gauge and sample the on-site/off-site monitoring wells on a quarterly basis, next sample event scheduled by the end of the month. (Perez) 11/28/2011 - October 2011 quarterly report results are consistent with the last report. LPH was not observed during this event. Bolla continues to gauge and sample the monitoring wells on a quarterly basis. Geochemical data collected during the August 2011 quarterly monitoring event is being used to review and evaluate technology selection. ARCADIS anticipates that a remedial strategy will be selected and an associated Remedial Action Plan will be prepared and submitted to NYSDEC by the end of December 2011. (Perez) 02/23/2012 - Bolla submits a Remedial Action Plan and is currently under review by the DEC PM. 04/26/2012 - Proposed Remedial Action Plan (RAP) will be approved. Plan proposed injection of Epson Salt (Magnesium sulfate heptahydrate) for biodegradation of the petroleum hydrocarbons contamination. Correction Action Plan will be necessary in order to implement RAP under current Consent Order. (Perez) 05/23/2012 - Remedial Action Work Plan have been approved. Plan proposed injection of Epson Salt (Magnesium sulfate heptahydrate) for biodegradation of the petroleum hydrocarbons contamination. Waiting on the Correction Action Plan necessary in order to implement RAP under current Consent Order. (Perez) 06/20/2012 - Corrective Action Plan (CAP) will be approved upon review/approval of the revised Health and Safety Plan in connection with the remedial investigation at the site. Approved RAP to be implemented under current Consent Order upon approval of CAP. (Perez) 07/30/2012 - Corrective Action Plan has been approved. The preliminary sulfate injection occurred on July 9 and 10, 2012, in accordance approved Remedial Action Plan. Injection results will be reported in the October 2012 quarterly report. (Perez) The next groundwater sampling event is scheduled for November 2012. This event will provide data necessary to plan injection volumes and concentrations of sulfate in accordance with the approved RAP. (11-27-2012) ARCADIS conduct the second injection of magnesium sulfate at the Site on December 2012. The injections were conducted in accordance with the approved RAP. Site Status Update Report will

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be prepared and submitted to NYSDEC by the end of January 2013. (01-29-2013) January 2013 quarterly report results revealed decreased in all monitoring wells (max. 100ppb BTEX). Superstorm Sandy passed through the area days before the sampling occurred. It is possible that the storm surge was partially responsible for the decreased groundwater concentrations recorded in the monitoring wells. The next groundwater sampling event is scheduled for February 2013. Next Quarterly Report is due end of April 2013. (02-26-2013) April 2013 quarterly report results revealed concentrations of dissolved-phase hydrocarbons are slowly decreasing at MW-9A. LPH was not observed during last quarterly monitoring event. Bolla continues to gauge and sample the on-site/off-site monitoring wells on a quarterly basis. Next quarterly report to be submitted by the end of October 2013. The date of the next injection event will be determined based on results of quarterly groundwater sampling in May 2013. A proposed injection scope of work including concentration and volume of solution of magnesium sulfate will be communicated to the Department at least two weeks prior to implementation. (07-25-2013) October 2013 quarterly report results revealed concentrations of dissolved-phase hydrocarbons are decreasing steadily. If this trend does not continue, RP will consider implementing activated persulfate injections. LPH was not observed during this quarterly monitoring event. Bolla continues to gauge and sample the on-site/off-site monitoring wells on a quarterly basis. Next quarterly report to be submitted by the end of January 2014. (12-18-2013) January 2014 quarterly report results revealed concentrations of dissolved-phase hydrocarbons are slowly decreasing. LPH was not observed during this quarterly monitoring event. Bolla continues to gauge and sample the on-site/off-site monitoring wells on a quarterly basis. Next quarterly report to be submitted by the end of April 2014. (02-25-2014) July 22, 2014 - V. Brevdo. Spill Case reassigned to Remedial Section B Region 2 as per discussion between R. Cozzy and V. Brevdo (discussion was both verbally and via e-mails). VB November 26, 2014 - J. Perez-Maldonado. Spill case reassigned to Remedial Bureau B, Section B as per discussion between J. Brown, J. Perez-Maldonado and V. Brevdo. March 31, 2015 - PM sent comments on proposed Remedial Action Plan. Post-remedy groundwater monitoring will be required (e.g., 2-4 additional quarters) and a revised Corrective Action Plan/schedule for the implementation of the RAP is required. RP will submit the revised RAP early April 2015. May 12, 2015 - Remedial Action Plan/Corrective Action Plan has been approved. The initial mobile Dual Phase Extraction (DEP) event is expected no later than June 2015. June 30, 2015 - May 2015 quarterly report results revealed concentrations of dissolved-phase hydrocarbons are increasing at MW-9A. LPH was not observed during this quarterly monitoring event. Bolla continues to gauge and sample the on-site/off-site monitoring wells on a quarterly basis. Next quarterly report to be submitted by the end of August 2015. August 31, 2015 - On June 8 and 9, 2015, ARCADIS conducted a DPE event on MW-9A. The interior casing of the well was also physically scrubbed at various points during the event to remove a film of LPH. August 2015 quarterly report results revealed concentrations of dissolved-phase hydrocarbons are slowly decreasing at MW-9A. LPH was not observed during this quarterly monitoring event. Bolla continues to gauge and sample the on-site/off-site monitoring wells on a quarterly basis. Next quarterly report to be submitted by the end of November 2015. November 10, 2015 - On August 5 and September 2, 2015, ARCADIS conducted 8-hour dual phase extraction (DPE) events on monitoring well MW-9A. The dissolved phase total BTEX concentration

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in MW-9A is consistent with historical values of the past two years. Although these dissolved phase detections of BTEX remain in one well on site. LPH was not observed during this quarterly monitoring event. Next quarterly groundwater sampling event is scheduled for November 6, 2015. ARCADIS will prepare a Receptor Evaluation Report (RER) that will include the data the November groundwater sampling event. The RER will be include a request for closure of this spill. December 17, 2015 - ARCADIS submitted a RER that recommends no further action and requests closure of the spill. February 2, 2016 - Spill closed on January 6 2016. Groundwater analytical data collected over the past sixteen years reveals that the concentration of the contaminants of concern in groundwater continues to decrease and impact to groundwater is localized to the eastern portion of the site near monitoring wells MW-9A. Any remaining impacted soils is paved with asphalt and concrete, preventing any direct exposure. Impact to groundwater is considered unlikely. There are no pathways considered complete or potential exposure to any identified sensitive receptors. Based on available documents, case closed. NFA letter sent to Bolla EM Realty, LLC c/o Bolla Oil Corp.(Perez)"

Remarks:

"FLEW OUT OF TANK BURIED IN THE GROUND-TANK WAS REMOVED-GETTING A VAC. TRUCK THERE. CALLER WAS DIGGING A TANK HOLE-FINISHING UP TODAY-WHEN TANK FELL OUT OF TANK AREA."

All Materials:

Site ID: 71085
Operable Unit ID: 1008090
Operable Unit: 01
Material ID: 376216
Material Code: 0022
Material Name: waste oil/used oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 100.00
Units: G
Recovered: .00
Oxygenate: Not reported

Site ID: 71085
Operable Unit ID: 1008090
Operable Unit: 01
Material ID: 376215
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported